



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

SAGA BROADCASTING, LLC
73 KERCHEVAL AVENUE
GROSSE POINTE FARMS MI 48236

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: March 21, 2013

Facility Id: 34467

Call Sign: KGMI

This license expires 3:00 a.m.
local time, February 01, 2014.

License File Number: BL-20121211ACS

This license covers permit no.: BP-20120816AAY

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	8:00 AM	4:45 PM	Jul.	4:15 AM	8:15 PM
Feb.	7:15 AM	5:30 PM	Aug.	5:00 AM	7:30 PM
Mar.	6:30 AM	6:15 PM	Sep.	5:45 AM	6:30 PM
Apr.	5:15 AM	7:00 PM	Oct.	6:30 AM	5:15 PM
May	4:30 AM	7:45 PM	Nov.	7:15 AM	4:30 PM
Jun.	4:00 AM	8:15 PM	Dec.	8:00 AM	4:15 PM

Callsign: KGMI

License No.: BL-20121211ACS

Name of Licensee: SAGA BROADCASTING, LLC

Station Location: BELLINGHAM, WA

Frequency (kHz): 790

Station Class: B

Antenna Coordinates:

Day

Latitude: N 48 Deg 43 Min 19 Sec

Longitude: W 122 Deg 26 Min 43 Sec

Night

Latitude: N 48 Deg 43 Min 19 Sec

Longitude: W 122 Deg 26 Min 43 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 5.0 Night: 1.0

Antenna Input Power (kW): Day: 5.0 Night: 1.08

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 10 Night: 0.465

Resistance (ohms): Day: 50 Night: 50

Non-Directional Antenna: Day

Radiator Height: 91.4 meters; 86.7 deg

Theoretical Efficiency: 303.147 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
2	1033371	

Night:

Tower No.	ASRN	Overall Height (m)
1	1033370	
2	1033371	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 303.52
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 366.34
 Q Factor: Night: 10

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	86.7
2	1.0000	20.000	135.0000	105.000	0	86.7

* Tower Reference Switch

0 = Spacing and orientation from reference tower
 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	233.0	86.0	482.80
2	285.0	120.0	336.40
3	315.0	80.0	402.30
4	337.0	80.0	482.80

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	42	0.8

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
104	9.9	1.3
166	6.2	8

Special operating conditions or restrictions:

1 DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two (2) vertical, guyed, series excited, uniform cross section.

Ground System consists of 120-91.44 m equally spaced, buried copper wire radials about the base of each tower.

2 DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 104° True North. Leaving the transmitter, drive north on Yew Street 1.6 miles to Lakeway Drive for 2.4 miles. Lakeway Drive becomes Lake Whatcom Boulevard. Continue southeast on this road for 6 miles to horseshoe bend. Measurement is made at the apex of the turn on the south side of the road. The distance from the towers is 6.15 statute miles. This monitor point is designated "Monitor Point Number 1". The field intensity measured at this point should not exceed 1.3 mV/m.

Direction of 166° True North. Leaving the transmitter, drive south to the end of the road. Turn left and drive south on Old Samish road to the freeway overpass. Continue across the freeway to the north side of Lake Samish. Continue on the road until it turns south and crosses the lake. At the south end of the bridge, turn right and drive along the south side of the lake to the end of the road. The measurement is made near the end of the dock at Lutherwood. The distance is 3.85 miles from the towers. This is data point #5 for this radial, as shown on the DA Proof of Performance for the station. This monitor point would be designated "Monitor Point Number 2". The field intensity measured at this point should not exceed 8.0 mV/m.

3 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.

*** END OF AUTHORIZATION ***